



#### Our Neighborhood

CITY POPULATION\* 100,001 - 200,000

30)

40,001 - 100,000

20,001 - 40,000

10,001 - 20,000

1 - 10,000

Major Airport





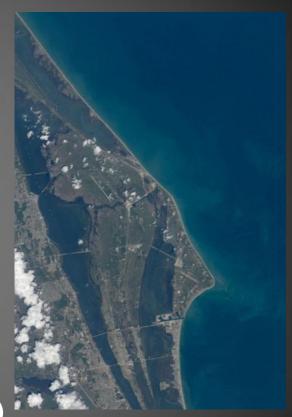


#### **KSC Land Area**

- 140,000 acres (1/2 land –1/2 water)
- 6,000 acres for facilities and roads
- Remainder managed by:
   US Fish and Wildlife Service
   National Park Service

#### **KSC Master Plan**

Spaceport Development Plan
 prepared in concert with Cape
 Canaveral Air Force Station (2002-2003)



- Just approved as a KSC stand-alone plan in 2008 2009
- Commercial space transportation industry needs will help guide new update

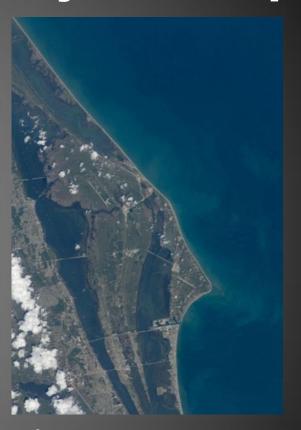


#### **Over 900 Facilities**

- 7.8 million square feet of building area
- 21central cooling/heating plants
- 2 primary substations
- 420 miles of electrical distribution lines
- 60 miles of high pressure helium and nitrogen pipelines

#### **Transportation Nodes**

- · 3 launch pads
- Shuttle Landing Facility (15,000 foot runway)
- 564 miles of roads (184 paved; 380 unpaved)
- 2 sea docks, 5 major bridges
- 32 miles of railroad





- KSC established the Center Planning and Development Office to consolidate transition management, asset planning, and partnership development
  - It strengthened relationships with federal, state, and local stakeholders
  - Enabled new partnerships with commercial users
- The office will lead, in cooperation with KSC technical organizations, planning and transition of KSC
- The current Master Plan has a long-range vision, with operational uses grouped in five principal area development plans
- These plans provide a flexible baseline to address future infrastructure needs and partnerships developed with the commercial space industry

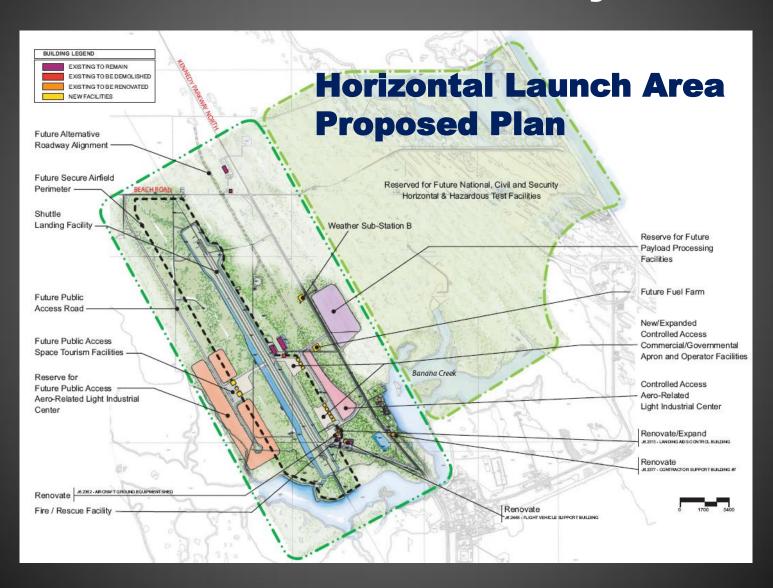




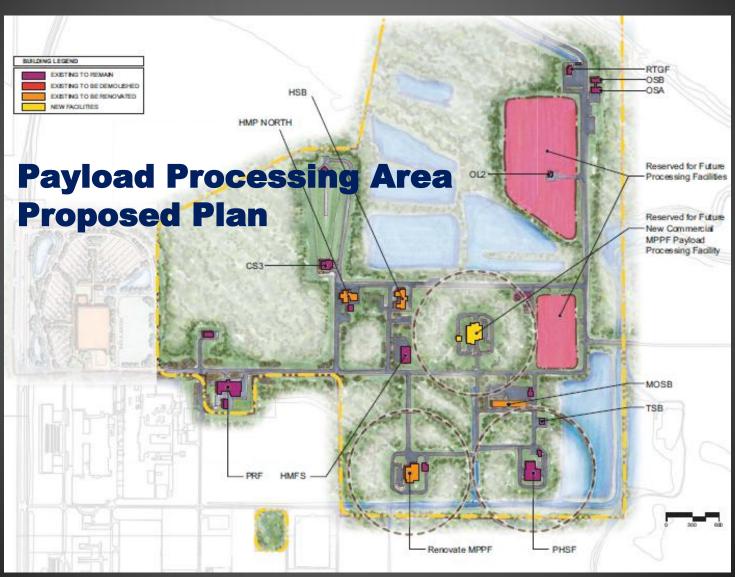




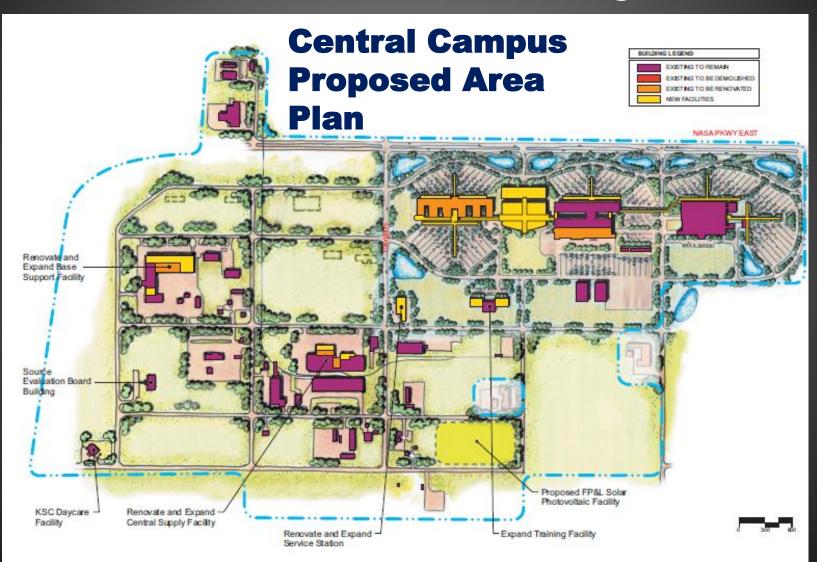




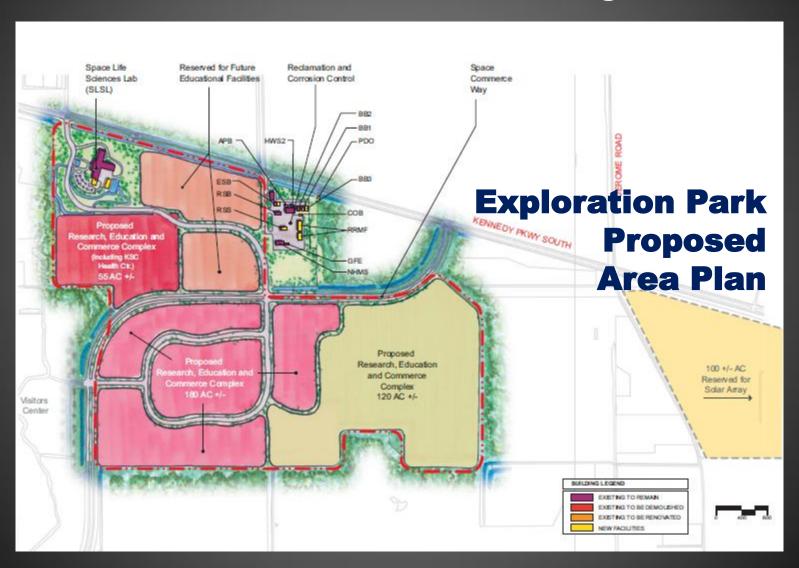














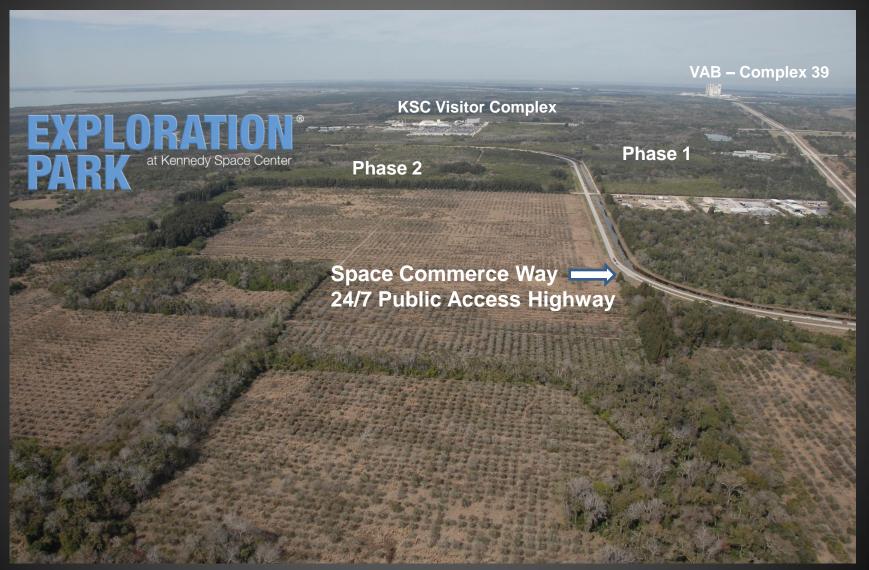
Development initiatives in two areas show that KSC knows how to partner in innovative ways.

# EXPLORATION of the state of the















- Exploration Park land leased by NASA to Space Florida in an innovative development partnership
- It offers private sector a commercial environment with close connection to KSC assets
  - Outside the KSC Security Perimeter
  - Will incorporate state's Space Life Sciences Laboratory
  - Designed, built, & operated by Master Developer
  - Tenant facilities will be privately owned & operated
- KSC will provide "city" services
- 60-year lease allows sufficient time to realize return on investments by private sector
- A key target market is the commercial space industry and its suppliers, customers



- Shuttle Landing Facility RFI in 2005 had a goal to enable commercial use
- Collaboration with industry provided assessment of potential spaceflight and aviation uses
- This effort was essential to enable:
  - Commercial suborbital spaceflight from SLF when industry is ready
  - Horizontal launch and recovery of orbital vehicle stages and spacecraft
  - Commercial zero-gravity flights
  - Human spaceflight training and flight testing on high-performance aircraft











Industry's engagement will provide information to help KSC make decisions on asset use, assess environmental impacts, and prioritize spaceport infrastructure investments.



